

Nicholas A Christakis

List of Publications by Year in descending order

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79
papers

15,898
citations

109137

35
h-index

69108

77
g-index

79
all docs

79
docs citations

79
times ranked

14924
citing authors

#	ARTICLE	IF	CITATIONS
1	The Spread of Obesity in a Large Social Network over 32 Years. <i>New England Journal of Medicine</i> , 2007, 357, 370-379.	13.9	4,084
2	The Collective Dynamics of Smoking in a Large Social Network. <i>New England Journal of Medicine</i> , 2008, 358, 2249-2258.	13.9	2,019
3	Social Networks and Health. <i>Annual Review of Sociology</i> , 2008, 34, 405-429.	3.1	1,247
4	Social contagion theory: examining dynamic social networks and human behavior. <i>Statistics in Medicine</i> , 2013, 32, 556-577.	0.8	852
5	Population flow drives spatio-temporal distribution of COVID-19 in China. <i>Nature</i> , 2020, 582, 389-394.	13.7	615
6	Cooperative behavior cascades in human social networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5334-5338.	3.3	579
7	Machine behaviour. <i>Nature</i> , 2019, 568, 477-486.	13.7	536
8	Dynamic social networks promote cooperation in experiments with humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19193-19198.	3.3	534
9	Mortality after the Hospitalization of a Spouse. <i>New England Journal of Medicine</i> , 2006, 354, 719-730.	13.9	432
10	Social Network Sensors for Early Detection of Contagious Outbreaks. <i>PLoS ONE</i> , 2010, 5, e12948.	1.1	414
11	Detecting Emotional Contagion in Massive Social Networks. <i>PLoS ONE</i> , 2014, 9, e90315.	1.1	329
12	The health impact of health care on families: a matched cohort study of hospice use by decedents and mortality outcomes in surviving, widowed spouses. <i>Social Science and Medicine</i> , 2003, 57, 465-475.	1.8	290
13	Emotions as infectious diseases in a large social network: the SISa model. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3827-3835.	1.2	253
14	Social network targeting to maximise population behaviour change: a cluster randomised controlled trial. <i>Lancet, The</i> , 2015, 386, 145-153.	6.3	250
15	Geographic Constraints on Social Network Groups. <i>PLoS ONE</i> , 2011, 6, e16939.	1.1	245
16	Inequality and visibility of wealth in experimental social networks. <i>Nature</i> , 2015, 526, 426-429.	13.7	243
17	Static network structure can stabilize human cooperation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17093-17098.	3.3	215
18	Variation in Patient-Sharing Networks of Physicians Across the United States. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 265-73.	3.8	206

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19	Model of genetic variation in human social networks. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1720-1724.	3.3	203
20	Locally noisy autonomous agents improve global human coordination in network experiments. Nature, 2017, 545, 370-374.	13.7	201
21	Social networks and health: A systematic review of sociocentric network studies in low- and middle-income countries. Social Science and Medicine, 2015, 125, 60-78.	1.8	197
22	Mapping Physician Networks with Self-Reported and Administrative Data. Health Services Research, 2011, 46, 1592-1609.	1.0	180
23	The Performance of Different Lookback Periods and Sources of Information for Charlson Comorbidity Adjustment in Medicare Claims. Medical Care, 1999, 37, 1128-1139.	1.1	162
24	Time to CARE: a collaborative engine for practical disease prediction. Data Mining and Knowledge Discovery, 2010, 20, 388-415.	2.4	113
25	Friendship and natural selection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10796-10801.	3.3	107
26	Genes, economics, and happiness.. Journal of Neuroscience, Psychology, and Economics, 2012, 5, 193-211.	0.4	97
27	Cohort of birth modifies the association between FTO genotype and BMI. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 354-359.	3.3	90
28	Exploiting social influence to magnify population-level behaviour change in maternal and child health: study protocol for a randomised controlled trial of network targeting algorithms in rural Honduras. BMJ Open, 2017, 7, e012996.	0.8	84
29	Using Friends as Sensors to Detect Global-Scale Contagious Outbreaks. PLoS ONE, 2014, 9, e92413.	1.1	75
30	The Structure of Negative Social Ties in Rural Village Networks. Sociological Science, 2019, 6, 197-218.	2.0	74
31	Online social integration is associated with reduced mortality risk. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12980-12984.	3.3	69
32	Quality versus quantity of social ties in experimental cooperative networks. Nature Communications, 2013, 4, 2814.	5.8	68
33	Formation of raiding parties for intergroup violence is mediated by social network structure. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12114-12119.	3.3	68
34	Vulnerable robots positively shape human conversational dynamics in a human-robot team. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6370-6375.	3.3	65
35	Dueling biological and social contagions. Scientific Reports, 2017, 7, 43634.	1.6	41
36	Estimating peer effects in longitudinal dyadic data using instrumental variables. Biometrics, 2014, 70, 506-515.	0.8	40

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37	The "average" treatment effect: A construct ripe for retirement. A commentary on Deaton and Cartwright. <i>Social Science and Medicine</i> , 2018, 210, 77-82.	1.8	39
38	An exploratory comparison of name generator content: Data from rural India. <i>Social Networks</i> , 2017, 48, 157-168.	1.3	36
39	Social connectedness is associated with fibrinogen level in a human social network. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160958.	1.2	32
40	Effects of Proximate Foreclosed Properties on Individuals' Systolic Blood Pressure in Massachusetts, 1987 to 2008. <i>Circulation</i> , 2014, 129, 2262-2268.	1.6	31
41	Intimate partner violence norms cluster within households: an observational social network study in rural Honduras. <i>BMC Public Health</i> , 2016, 16, 233.	1.2	30
42	Mindfulness Meditation Activates Altruism. <i>Scientific Reports</i> , 2020, 10, 6511.	1.6	30
43	Social Environment Shapes the Speed of Cooperation. <i>Scientific Reports</i> , 2016, 6, 29622.	1.6	28
44	Resource sharing in technologically defined social networks. <i>Nature Communications</i> , 2019, 10, 1079.	5.8	28
45	Self-comparisons as motivators for healthy behavior. <i>Obesity</i> , 2015, 23, 2477-2484.	1.5	25
46	Spreading paths in partially observed social networks. <i>Physical Review E</i> , 2012, 85, 036106.	0.8	24
47	Social Network Visualization in Epidemiology. <i>Norsk Epidemiologi</i> , 2009, 19, 5-16.	0.2	24
48	Influence of a patient transfer network of US inpatient facilities on the incidence of nosocomial infections. <i>Scientific Reports</i> , 2017, 7, 2930.	1.6	23
49	Network multipliers and public health. <i>International Journal of Epidemiology</i> , 2019, 48, 1032-1037.	0.9	22
50	Care After the Onset of Serious Illness: A Novel Claims-Based Dataset Exploiting Substantial Cross-Set Linkages to Study End-of-Life Care. <i>Journal of Palliative Medicine</i> , 2002, 5, 515-529.	0.6	21
51	This allergies hysteria is just nuts. <i>BMJ: British Medical Journal</i> , 2008, 337, a2880-a2880.	2.4	21
52	Network Engineering Using Autonomous Agents Increases Cooperation in Human Groups. <i>IScience</i> , 2020, 23, 101438.	1.9	20
53	Human behavior under economic inequality shapes inequality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15781-15782.	3.3	19
54	Cyclic motifs in the Sardex monetary network. <i>Nature Human Behaviour</i> , 2018, 2, 822-829.	6.2	19

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55	Bias and asymmetric loss in expert forecasts: A study of physician prognostic behavior with respect to patient survival. <i>Journal of Health Economics</i> , 2008, 27, 1095-1108.	1.3	13
56	Surgeon peer network characteristics and adoption of new imaging techniques in breast cancer: A study of perioperative MRI. <i>Cancer Medicine</i> , 2018, 7, 5901-5909.	1.3	13
57	Pay-it-forward gonorrhea and chlamydia testing among men who have sex with men in China: a study protocol for a three-arm cluster randomized controlled trial. <i>Infectious Diseases of Poverty</i> , 2019, 8, 76.	1.5	11
58	Finding Married Couples in Medicare Claims Data. <i>Health Services and Outcomes Research Methodology</i> , 2002, 3, 75-86.	0.8	10
59	Using Trellis software to enhance high-quality large-scale network data collection in the field. <i>Social Networks</i> , 2021, 66, 171-184.	1.3	10
60	Health care in a web. <i>BMJ: British Medical Journal</i> , 2008, 336, 1468-1468.	2.4	9
61	Exposure, hazard, and survival analysis of diffusion on social networks. <i>Statistics in Medicine</i> , 2018, 37, 2561-2585.	0.8	9
62	Assortative mixing and resource inequality enhance collective welfare in sharing networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22442-22444.	3.3	9
63	Association Between Degrees of Separation in Physician Networks and Surgeons' Use of Perioperative Breast Magnetic Resonance Imaging. <i>Medical Care</i> , 2019, 57, 460-467.	1.1	9
64	Do village-level normative and network factors help explain spatial variability in adolescent childbearing in rural Honduras?. <i>SSM - Population Health</i> , 2019, 9, 100371.	1.3	8
65	Modeling the Role of Networks and Individual Differences in Inter-Group Violence. <i>PLoS ONE</i> , 2016, 11, e0148314.	1.1	7
66	Collective communication and behaviour in response to uncertain "Danger" in network experiments. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20190685.	1.0	6
67	Triadic embeddedness structure in family networks predicts mobile communication response to a sudden natural disaster. <i>Nature Communications</i> , 2021, 12, 4286.	5.8	6
68	Valuing the well connected. <i>BMJ: British Medical Journal</i> , 2008, 337, a1675-a1675.	2.4	6
69	Assortative mating at loci under recent natural selection in humans. <i>BioSystems</i> , 2020, 187, 104040.	0.9	5
70	Lack of sexual behavior disclosure may distort STI testing outcomes. <i>BMC Public Health</i> , 2020, 20, 616.	1.2	5
71	Testing for Balance in Social Networks. <i>Journal of the American Statistical Association</i> , 2020, , 1-19.	1.8	4
72	When networks can teach us about drug use. <i>BMJ: British Medical Journal</i> , 2008, 336, 420-420.	2.4	2

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73	Household food insecurity and health in a high-migration area in rural Honduras. <i>SSM - Population Health</i> , 2021, 15, 100885.	1.3	2
74	Characterizing super-spreaders using population-level weighted social networks in rural communities. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210123.	1.6	2
75	Medicine may change our genes. <i>BMJ: British Medical Journal</i> , 2008, 336, 1101-1101.	2.4	1
76	Too quietly into the night. <i>BMJ: British Medical Journal</i> , 2008, 337, a696-a696.	2.4	1
77	Leadership Insularity: A New Measure of Connectivity Between Central Nodes in Networks. <i>Connections</i> , 2010, 30, 4-10.	0.2	1
78	Female genital cutting under the spotlight. <i>Nature</i> , 2016, 538, 465-466.	13.7	0
79	The anthroposphere is changing. <i>BMJ: British Medical Journal</i> , 2009, 338, b1534-b1534.	2.4	0